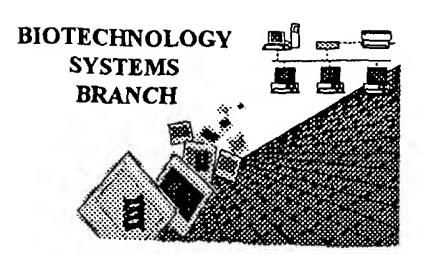
4-8



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/857.826A
Source:	PUT/09 PUSH
Date Processed by STIC:	8/26/2002
	, , , , , , , , , , , , , , , , , , ,

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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http://www.uspto.gov/web/offices/pac/checker

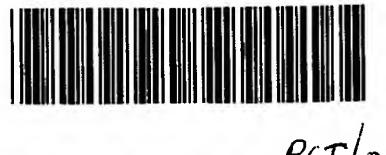
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

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Revised 01/29/2002



PCT/09

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/857,826A
DATE: 08/26/2002
TIME: 14:51:51
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Output Set: N:\CRF3\08262002\I857826A.raw

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             BAUGHN, Mariah R.
             HILLMAN, Jennifer L.
                                                                  pr 1-3
             LAL, Preeti
             AU-YOUNG, Janice
   10
             YANG, Junming
   11
             LU, Dyung Aina M.
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             AZIMZAI, Yalda
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    17 <130> FILE REFERENCE: PF-0637 PCT
--> 19 <140> CURRENT APPLICATION NUMBER: US/09/857,826A
--> 20 <141> CURRENT FILING DATE: 2002-08-26
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    25 <160> NUMBER OF SEQ ID NOS: 56
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response are
mandatory
wherever (3087
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    2862
    2863 Leu Tyr Met Thr Trp Asp Pro Ala Leu Ala Gln Ile Ala Lys Ala
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   . 2864
                           50
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                                                                        same ever in
Jeguere 55
   2866
                           65
    2867 Pro His Lys Leu His Pro Asn Phe Thr Ser Leu Gly Glu Asn Ile
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    2868
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RAW SEQUENCE LISTINGPATENT APPLICATION: **US/09/857,826A**DATE: 08/26/2002

TIME: 14:51:51

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	2872					110					115					120
	2873	Cys	Lys	Lys	Val	Cys	Gly	His	Tyr	Thr	Gln	Val	Val	Trp	Ala	Asp
	2874	_	_	_		125	-		_		130			L		135
	2875	Ser	Ψvr	Lvs	Val	Glv	Cvs	Δla	Va 1	Gln		Cve	Dro	Two	37 a 1	
	2876		- 1 -	1175	V CL	140	Cys	ALU	Val	GIII		Cys	PIO	тÃР	val	
			_								145					150
	2877	Gly	Phe	Asp	Ala	Leu	Ser	Asn	Gly	Ala	His	Phe	Ile	Cys	Asn	Tyr
	2878					155					160					165
	2879	Gly	Pro	Gly	Gly	Asn	Tyr	Pro	Thr	Trp	Pro	Tvr	Lvs	Ara	Glv	Ala
	2880			_	•	170	-	_		 L -	175	-1-	-1-	9		180
		mhх	Cira	Com	ת ד ת	_ , -	Dwo	7 ~ ~	7	3	_, _	a	-	_	_	
	2881	TIII	Cys	ser	Ата		PLO	ASh	ASN	Asp	ьуѕ	Cys	Leu	Asp	Asn	Leu
-	2882					185					190					195
	2883	Cys	Val	Asn	Asp	Ser	Glu	Thr	Lys	Ser	Asn	Val	Thr	Thr	Met	Leu
	2884				_	200			_		205				_	210
	2885	Tvr	Tle	Ara	Leu	Δla	Hic	Tle	Ser	Thr	_ , ,					210
-		- 1 -		9	LCU		1173	116	DET	T 11T						
	2886					215										

P

last amero acid is at position 219

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/09/857,826A

DATE: 08/26/2002

TIME: 14:51:52

Input Set : A:\pf0637usn_seqlist.txt
Output Set: N:\CRF3\08262002\1857826A.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:31; N Pos. 537,585 Seq#:52; N Pos. 374 VERIFICATION SUMMARY

PATENT APPLICATION: US/09/857,826A

DATE: 08/26/2002

TIME: 14:51:52

Input Set : A:\pf0637usn_seqlist.txt
Output Set: N:\CRF3\08262002\1857826A.raw

L:19 M:270 C: Current Application Number differs, Replaced Current Application Number L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:23 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD L:1798 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31 L:1798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:480 L:1799 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31 L:1799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:540 L:2687 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:52 L:2687 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:52 L:2687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:360 L:2795 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:55 L:2886 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:56 L:2886 M:252 E: No. of Seq. differs, <211> LENGTH:Input:309 Found:219 SEQ:56